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**From:** Fennessy, Christopher [christopher.fennessy@Rocket.com]  
**Sent:** 7/5/2017 5:37:11 PM  
**To:** Keller, Lynn [Keller.Lynn@epa.gov]  
**CC:** Plate, Mathew [Plate.Mathew@epa.gov]; Stralka, Daniel [Stralka.Daniel@epa.gov]; 'Tom.Lae@CH2M.com' [Tom.Lae@CH2M.com]; 'MacNicholl, Peter@DTSC' [Peter.MacNicholl@dtsc.ca.gov]; 'MacDonald, Alex@Waterboards (Alex.MacDonald@waterboards.ca.gov)' [Alex.MacDonald@waterboards.ca.gov]  
**Subject:** RE: [EXTERNAL] EPA Recommendations for Ambient Air Sampling at Aerojet Area 40

Hi Lynn – Can you please provide an ETA for the additional information requested below? We would like to finalize the ambient air work plan and need to understand the objectives of this additional sampling to do so. Thanks, Chris

**Christopher M. Fennessy, P.E.**  
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**From:** Fennessy, Christopher  
**Sent:** Saturday, June 24, 2017 10:14 AM  
**To:** 'Keller, Lynn'  
**Cc:** 'Plate, Mathew'; 'Stralka, Daniel'; 'Tom.Lae@CH2M.com'; 'MacNicholl, Peter@DTSC'; 'MacDonald, Alex@Waterboards (Alex.MacDonald@waterboards.ca.gov)'  
**Subject:** RE: [EXTERNAL] EPA Recommendations for Ambient Air Sampling at Aerojet Area 40

Thanks for your comments Lynn.

Please provide details on how EPA will use the 14 day data, first 7 day data, and final 7 day data to make risk decisions. This information is necessary to include in the requested sampling and analysis plan.

Please provide information on how changing wind direction data will be used to evaluate sample results from the source area. This information is also necessary to include in the sampling and analysis plan.

If EPA is concerned with up wind and down wind samples, AR can analyze samples currently deployed around the sources based upon the wind direction data generated from the existing close proximity met station. However, we do not understand the requirement to sample upwind and down wind samples if COCs are not detected in the source samples.

Additionally, AR did place covers over the existing Radiellos and have a met station in close proximity. Therefore, we believe these samples will provide accurate and valuable information to assist with responding to CAG comments. If we are lucky [or maybe unlucky =)], we will have another stretch of 105+ degree weather within minimal wind during the summer to collect the samples per an approved sampling plan, but if not, the results from these samples will provide benefit.

While we do not have the requested duplicate samples deployed, we understood that this was just an initial summer event and that additional samples would be collected that will allow for collection of the required

duplicates. We understand that due to the short notice, EPA was not provided sufficient time to set a split sample location. We apologize for the short notice. Our intent was to collect samples that would meet the request of the CAG, not to prevent EPA from collecting split samples.

Thanks! Chris

-----Original Message-----

**From:** Keller, Lynn [[Keller.Lynn@epa.gov](mailto:Keller.Lynn@epa.gov)]

**Sent:** Saturday, June 24, 2017 12:27 AM Pacific Standard Time

**To:** Fennessy, Christopher

**Cc:** Plate, Mathew; Stralka, Daniel; [Tom.Lae@CH2M.com](mailto:Tom.Lae@CH2M.com); MacNicholl, Peter@DTSC; MacDonald, Alex@Waterboards ([Alex.MacDonald@waterboards.ca.gov](mailto:Alex.MacDonald@waterboards.ca.gov))

**Subject:** [EXTERNAL] EPA Recommendations for Ambient Air Sampling at Aerojet Area 40

Hi, Chris.

Attached please find our recommendations on ambient air sampling at Area 40. We recommend not submitting the samplers currently in place for analysis (not incurring analysis costs), as several components for a representative and defensible summer data set are missing.

I'm off Monday but please give me a call on my cell if you'd like to discuss: 415-710-3750. I'll be back in the office Tuesday.

Thanks and have a nice weekend,  
Lynn

*Lynn M. Keller, EI, QMP*  
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